

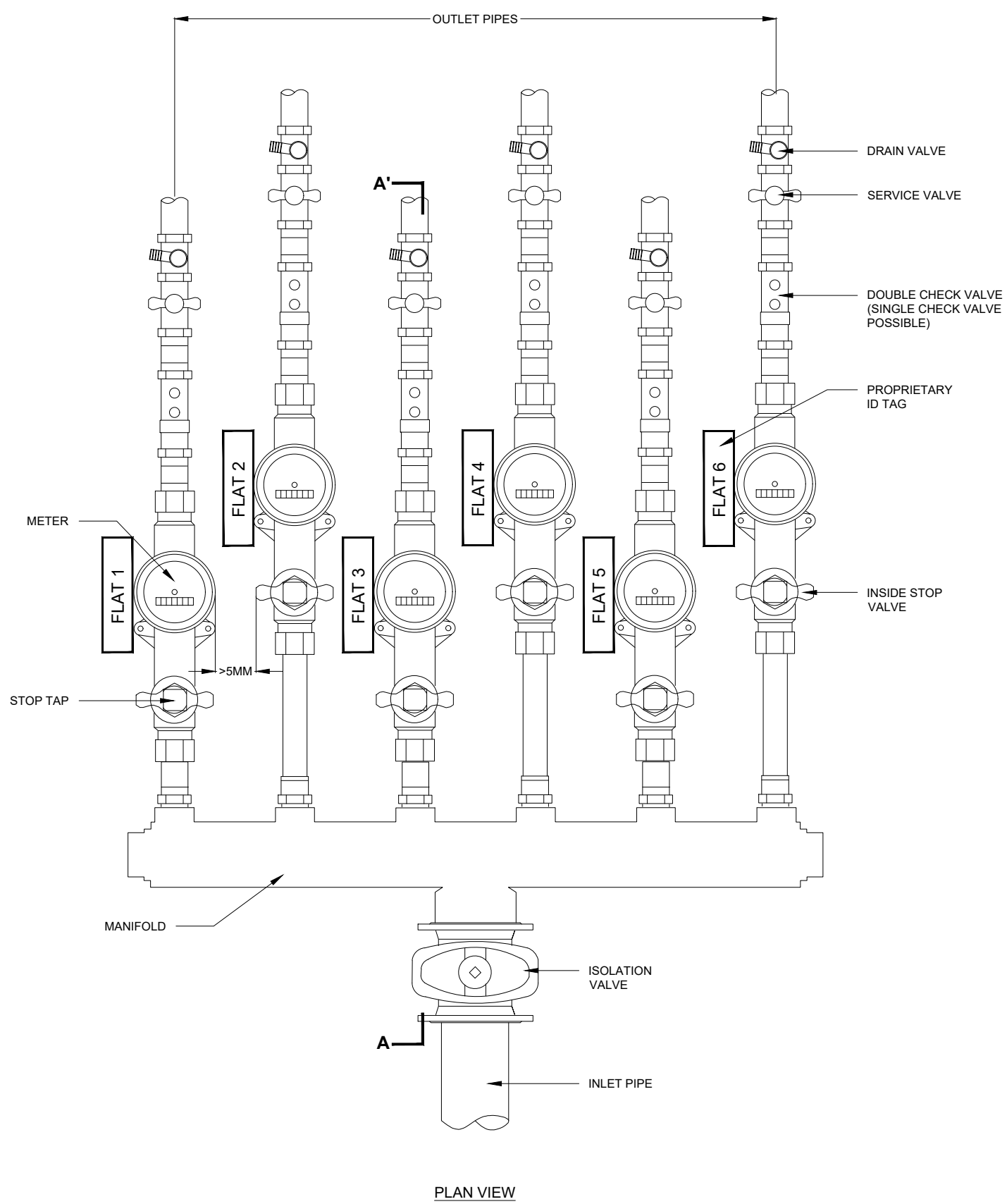
TO BE READ IN CONJUNCTION WITH THE DESIGN OF DOMESTIC BULK SUPPLY METERING INSTALLATION GUIDANCE. NOTE FOR DEVELOPERS (AM306)

No dimensions are to be scaled from this drawing. All dimensions to be checked on site. Area measurements for indicative purposes only.

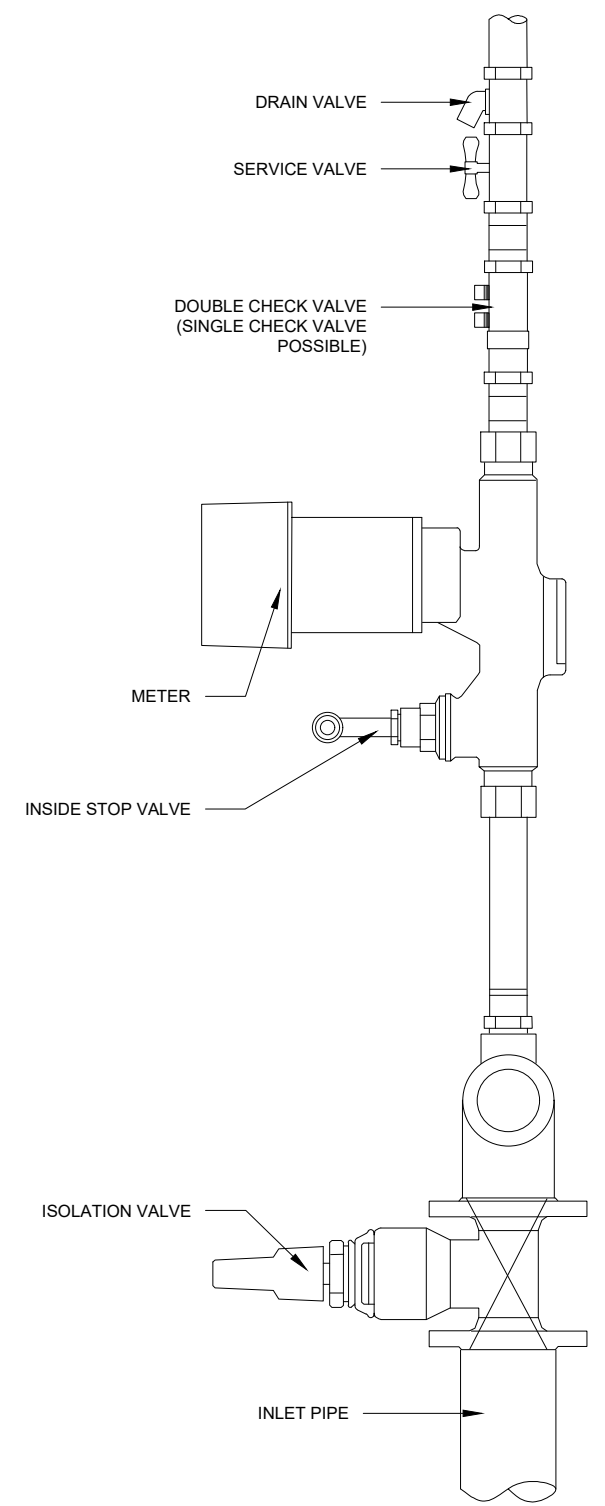
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NOTES:

- ALL METER AND PRIVATE PIPEWORK INSTALLATIONS MUST HAVE DUE REGARD FOR THE WATER SUPPLY (WATER QUALITY) REGULATIONS 2000 AND THE WATER SUPPLY (WATER FITTINGS) REGULATIONS 1999 AS AMENDED.
- EACH FLAT WILL HAVE ITS OWN METER, THERE WILL BE NO SHARED SUPPLY.
- THE METER CARRIER YOU INSTALL WILL NEED TO BE REGULATION 4 COMPLIANT (PLEASE SEE WRAS WEBSITE FOR FURTHER INFORMATION ABOUT COMPLIANCE.)
- THE SPACING BETWEEN THE CENTRE POINTS OF METER SOCKETS WILL BE SUFFICIENT TO ENABLE EASY INSTALLATION AND REMOVAL OF THE METER. PLEASE TAKE INTO CONSIDERATION ANY INSULATION SURROUNDING THE PIPEWORK AND ENSURE SUFFICIENT SPACE IS MAINTAINED.
- IN SEQUENTIAL ORDER FROM THE INLET PIPE, THE INSTALLATION WILL INCLUDE: AN INDIVIDUAL ISOLATION VALVE (ISV), METER CARRIERS/SOCKETS WHICH MUST BE WATER INDUSTRY STANDARD ONE AND A HALF INCH BSP THREADED, DOUBLE CHECK VALVE (DCV), A SERVICE VALVE (SV) AND A DRAIN OFF POINT (DV). PLEASE NOTE THAT SOME METER CARRIERS ARE MANUFACTURED WITH A SINGLE CHECK VALVE ALREADY INSTALLED, HOWEVER, NOT ALL OF THESE SINGLE CHECK VALVES ARE APPROVED AS BACKFLOW PROTECTION. THOSE CARRIERS WHICH DO HAVE AN APPROVED SINGLE CHECK VALVE ALREADY INSTALLED WILL ONLY REQUIRE AN ADDITIONAL SINGLE CHECK VALVE AS OPPOSED TO THE DOUBLE CHECK VALVE SPECIFIED ON THE DRAWING.
- METER SOCKETS TO BE A MAX HEIGHT OF 1m FROM FINISHED FLOOR LEVEL.
- METER INSTALLATIONS SHOULD BE LOCATED IN AN AREA OF COMMON ACCESS, COLLECTIVELY MOUNTED IN A SEPARATE CUPBOARD OR ENCLOSURE OR IN A READILY ACCESSIBLE AREA OF A PLANT ROOM.
- THE MANIFOLD WILL BE MOUNTED SUCH THAT THE METER READING FACE IS HORIZONTAL AND UPPERMOST WITH THE BARREL VERTICAL AND THERE WILL BE A MINIMUM CLEARANCE OF 200mm BETWEEN THE TOP OF THE METER INCLUDING THE AMR UNIT AND ANY OTHER FIXTURE INCLUDING A DOOR OR LID.
- ALL METERS ONCE FITTED MUST HAVE A TAG TO IDENTIFY EACH PROPERTY FLAT NUMBER.
- THE BUILDER / DEVELOPER MUST ENSURE THAT THE OWNER OF EACH FLAT IS SHOWN THE LOCATION OF THEIR METER.
- ACCESS FOR METER MAINTENANCE AND METER READING WILL BE REQUIRED 24 HOURS A DAY, 365 DAYS A YEAR.
- IF A CUPBOARD IS TO BE LOCKED, THEN ONLY THE SAME SYSTEM IN COMMON USAGE FOR GAS AND ELECTRICITY METERS WILL BE PERMITTED.
- ALL FUTURE MAINTENANCE AND RESPONSIBILITY FOR PIPE WORK WITHIN THE GROUNDS OF THE PROPERTY AND INTERNAL PIPE WORK WITHIN THE BUILDING(S), RESTS WITH THE OWNER(S) OF THE PROPERTY. THIS INCLUDES THE METER CARRIERS, BUT NOT THE METERS.
- THE METERS WILL REMAIN THE RESPONSIBILITY OF AFFINITY WATER AND MUST NOT BE REMOVED OR TAMPERED WITH BY OTHERS.
- WATER AND ELECTRICAL APPARATUS MUST NOT BE INSTALLED IN CLOSE PROXIMITY OR WITHIN THE SAME CUPBOARD.
- SUITABLE ARTIFICIAL LIGHTING SHOULD BE PROVIDED ON INSTALLATIONS WITHOUT NATURAL LIGHTING.
- METERS WILL NOT BE PROVIDED UNTIL AFFINITY WATER ARE HAPPY THAT ALL OF THE ABOVE HAS BEEN ADHERED TO. AFFINITY WATER RESERVE THE RIGHT TO WITHHOLD THE CONNECTION UNTIL SUCH TIME THAT THE PLUMBING OF THE PROPERTIES IS COMPLIANT WITH THE WATER FITTINGS REGULATIONS.



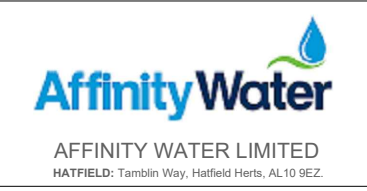
PLAN VIEW



SECTION A-A'

C3	CONSTRUCTION - DRAWING UPDATES	04.05.18
C2	CONSTRUCTION ISSUE - ADJUSTMENT TO NOTES	10.03.18
C1	CONSTRUCTION ISSUE	16.10.15
Rev	Description	Date

Not to scale



DISCIPLINE
STANDARD ARRANGEMENT DETAILS

Drawing title
INTERNAL MANIFOLD LAYOUT

Scale	NOT TO SCALE	Drawn	RA
Status	CONSTRUCTION	Checked	MF
Date	04.05.18	Approved	PC
Drawing number	AW4842	Revision	C3

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